Nasal Mask Assembly for Nasal Delivery

Abstract

A nasal mask assembly is configured to provide a direct flow of a fluid, e.g., breathable air, oxygen or an anesthesia, directly into a patient's nasal cavity by combining the nasal prongs of a nasal cannula with a nasal cup. The nasal cup is made of clear plastic and has a general shape of a human nose such that it easily and comfortably fits over a patient's nose. An input port extends through the nasal cup wherein its internal end extends into the internal cavity of the nasal cup and to which the nasal prongs are attached, and its external end extends outward from the nasal cup and to which a fluid source is connected via a source tube system. The nasal cup can be molded to approximate the surface of a patient's face surrounding the patient's nose. The nasal prongs are extended in length. The source tube system is rotatably connected to the external end of the input port of the nasal cup.